| Index of Claims |          |          |          |  |          |             |          |          | Application/Control No. |          |                |          |          |        |           |           |             | Applicant(s)/Patent under Reexamination |          |          |          |   |           |                 |  |          |          |          |               |          |
|-----------------|----------|----------|----------|--|----------|-------------|----------|----------|-------------------------|----------|----------------|----------|----------|--------|-----------|-----------|-------------|---|----------|----------|----------|---|-----------|-----------------|--|----------|----------|----------|---------------|----------|
|                 |          |          |          |  |          |             |          |          |                         |          |                | 1        | 10       | 75     | 9,2       | 10        | )           |   |          |          |          |   | s         | UZ              | UK   | (I E     | T/       | AL.      |               |          |
|                 |          |          |          |  |          |             |          |          |                         |          |                |          |          | ami    |           |           |             |   |          |          |          |   |           | rt U            |  |          |          |          | 1             |          |
|                 |          |          |          |  |          |             |          |          |                         |          |                |          | Ge       | org    | e l       | <u>D.</u> | Spi         | sic                                     | ch_      |          |          |   | 3         | 616             | <u>;                                    </u> |          |          |          |               |          |
|                 | <u> </u> | Γ        |          | $\overline{}$                                    |          | П           | /T       | hro      |                         | h nı     | ımı            | era      | 11       | ٦      | Г         | Т         |             |   |          |          | ٦        |   | Τ         |                 |  |          |          | ٦        |               |          |
|                 | ľ        | R        | lejecte  | d  |          |             |          |          |                         | cell     |                |          | ''<br>   |        | N         |           | Non         | 1-E                                     | lec      | ted      | _        | A |           | A               | pp   | eal      |          |          |               |          |
|                 | =        | 4        | Allowe   | d  |          | +           |          | F        | ₹es                     | tric     | ted            |          |          |        | ľ         |           | Inte        | erfo                                    | erer     | nce      |          | 0 |           | OŁ              | ojeo   | cte      | d        |          |               |          |
| Claim           | Ι        |          |          | Date   | _        |             |          |          | Clair                   | n        |                |          |          | Da     | te        |           |             |   | ]        |          | Claim    | Ī |           |                 | D  | ate      |          | _        |               | <u>ן</u> |
| Final           | 20/8/0   | 121      |          |  |          |             |          | Final    |                         | Original |                |          |          |        |           |           |             |   |          | Final    | Original |   |           |                 |  |          |          |          |               |          |
| 1               | 1        | Ď        | 7        |  |          | 11          | $\dashv$ |          | $\top$                  | 51       | +              | +        | +        | +      | $\dagger$ | †         | +           | t                                       | ┪        | Г        | 101      | T | 十         | Н               | 寸  | 十        | _        | 十        | +             | 1        |
| 2               | li       | II       |          |  |          |             |          |          |                         | 52       | 1              |          | 1        |        | 1         |           |             |   | ]        |          | 102      |   |           |                 |  |          |          | $\perp$  | I             | ]        |
| 3               | Щ        | Ц        |          |  |          |             | _        |          |                         | 53       | 1              | 1        | $\perp$  | ┸      | $\perp$   | $\perp$   | 1           | L                                       | _        | 匚        | 103      |   | ╀         |                 | _  | _        | 4        | _        | 4             | 4        |
| 4               | _        | 11       | <b>}</b> |  | <u> </u> | +           |          | <b> </b> |                         | 54<br>55 | -              | -        | +        |        | +         |           | +-          | ╁-                                      | 4        | ⊢        | 104      |   | +         | $\vdash \vdash$ | -+   |          | +        | -        | +             | 4        |
| 5<br>6          |          | 72       |          |  | ├        | +           | $\dashv$ | $\vdash$ |                         | 56<br>56 | +              | $\dashv$ | +        | +      | ╀         | ╁         | +-          | ╁╴                                      | -        | ⊢        | 106      |   | ╀         | $\vdash$        | $\dashv$                                     | -        | +        | +        | ╁             | ┥        |
| $-\frac{3}{7}$  | +1       | 12       |          |  | ┢        | +           | $\dashv$ | $\vdash$ | +                       | 57       | $\dashv$       | $\dashv$ | $\dashv$ | +      | ╁         | +         | +           | ╁                                       | ┥        | $\vdash$ | 107      |   | +-        | $\vdash$        | +  | +        | ╅        | +        | +             | ┥        |
| 8               | ╫        |          | ╠┼┼      | <del>                                     </del> | ┢        | +           | $\dashv$ | -        |                         | 58       | -+             | +        | $\dashv$ | +      | +         | +         | 十           | +                                       | 1        | $\vdash$ | 108      |   | +-        | 1-1             | 7  | +        | $\dashv$ | $\dashv$ | Ť             | ┪        |
| 9               | Ħ        | 1        |          |  | H        | 17          |          | $\vdash$ |                         | 59       | $\dashv$       | ┪        | $\dashv$ | 十      | +         | 十         | +-          | †                                       | 7        | Г        | 109      |   | $\dagger$ | П               | $\neg$                                       | $\neg$   | 寸        |          | 1             | 7        |
| 10              | $\Pi$    | Ħ        |          |  | T        | $\top \top$ | 7        | $\vdash$ |                         | 60       | $\dashv$       | $\neg$   | $\dashv$ | T      | 7         | 1         | T           | T                                       | 7        |          | 110      |   | Τ         |                 |  |          | $\Box$   | T        | 1.            | ]        |
| 11              | $\Box$   | $\sqcap$ |          |  |          | $\Box$      |          |          |                         | 61       |                |          |          | $\Box$ | I         |           | oxdot       | Ι                                       | ]        |          | 111      |   |           |                 |  |          |          |          |               | _]       |
| 12              |          | V        |          |  |          |             |          |          |                         | 62       |                |          |          |        | $\perp$   |           |             | L                                       |          |          | 112      |   | ┸         | Ш               |  | _        | _        | _        | _             | _        |
| 13              |          | 1        | <u> </u> |  | L        | $\perp$     |          |          |                         | 63       | _              | _        | _        | _      | 4         | 1         | 4           | 1                                       | 4        | $\perp$  | 113      |   | 1         | Ш               | _  | _        | 4        | 4        | _             | 4        |
| 14              |          | Δ        | 4        | - -  | L        | ┶           | _        | _        |                         | 64       | _              | _        | 4        | +      | 4         | 4         | 4           | Ļ                                       | 4        | $\vdash$ | 114      |   | -         | Н               |  |          | -        | +        | 4             | 4        |
| 15              |          | $\bot$   | ╁╌┼╌     | $\vdash \vdash$                                  | L        | $\perp$     | $\dashv$ | $\vdash$ |                         | 65       |                | -        | +        | -      | +         | +         | +           | +                                       | 4        | $\vdash$ | 115      |   | +-        | $\vdash$        |  | $\dashv$ | +        | +        | +             | $\dashv$ |
| 16              |          | +        | 4-4-     | <del>                                     </del> | +        | $\vdash$    | $\vdash$ | $\vdash$ |                         | 66<br>67 | <del>-</del> + | -+       | +        | +      | +         | +         | +           | ╁                                       | $\dashv$ | -        | 116      |   | +-        | +               |  | $\dashv$ | $\dashv$ | +        | +             | $\dashv$ |
| 17              |          | +        | +        | ╁╌┼╾   | ╀        | +           | Н        | -        |                         | 68       | $\dashv$       | -+       | $\dashv$ | +      | +         | +         | +           | +                                       | $\dashv$ | -        | 118      |   | +-        | ╁╌              | $\vdash$                                     | $\dashv$ | $\dashv$ | $\dashv$ | +             | -        |
| 18              |          | +        | ++-      | ┼┼-  | ╀        | +-          | $\vdash$ | $\vdash$ |                         | 69       | $\dashv$       | -+       | +        | +      | +         | +         | ╌           | +                                       | $\dashv$ | -        | 119      |   | ╁         | $\vdash$        | $\vdash$                                     | -        | $\dashv$ | +        | $\dashv$      | $\dashv$ |
| 20              |          | +        | ++       |  | ╀        | +           | H        | $\vdash$ |                         | 70       |                | -+       | $\dashv$ | +      | +         | 十         | ╅           | ╁                                       | $\dashv$ | $\vdash$ | 120      |   | +-        | †-              |  | $\dashv$ | ┪        | +        | $\top$        | ヿ        |
| 21              |          | +        | ++       |  | T        | -           | Н        |          |                         | 71       | 寸              | 寸        | +        | 十      | 十         | T         | +           | $\top$                                  | ٦.       |          | 12       |   | 十         | Τ               |  | $\Box$   | 7        | T        | $\top$        | 7        |
|                 | 1        |          |          | +  | +-       |             | _        | -        |                         | 72       | $\overline{}$  | -        | -+       | _      |           |           | <del></del> | -                                       | _        |          | 122      |   | _         | _               | $\overline{}$                                |          |          |          | $\overline{}$ |          |

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|---|--------|---|-------------|
| 4   | 2 1 1  | 52  | 102         |
| 55  |        | 53  |             |
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| 9   | 7   N  |   |             |
| 10  |        |   |             |
| 11  |        |   |             |
| 12  |        |   | 110         |
| 13   N  |        |   |             |
| 14   2   N  |        |   | 112         |
| 114   | 13 N   |   | 113         |
| 16  | 14 - N |   | 114         |
| 17  | 15     |   |             |
| 18     19     68     118     119     120     119     120     120     120     120     120     120     120     120     120     121     121     122     122     122     122     122     122     122     122     122     123     123     123     123     123     124     124     124     124     125     125     125     125     125     125     125     125     125     127     127     127     127     127     127     127     127     127     128     128     128     128     128     128     129  |        |   | 116         |
| 19  | 17     |   |             |
| 120   |        |   | 118         |
| 21   22   121   121   122   122   123   123   123   123   123   123   124   124   124   124   125   125   126   126   127   127   127   127   127   127   127   127   127   127   127   128   129   129   129   130   130   130   131   132   132   133   133   133   133   133   133   133   133   133   133   133   133   134   134   134   134   134   134   134   134   134   134   135   135   135   135   135   136   137   137   137   137   137   137   137   137   138   138   139   | 19     |   |             |
| 21   22   121   72   121   122   123   123   123   123   123   124   124   124   124   125   126   126   127   127   127   127   127   127   127   127   127   127   128   129   128   129   128   129   129   129   129   129   130   130   130   130   130   130   131   131   131   131   131   131   132   132   132   133   133   133   133   133   133   133   133   133   133   133   133   133   133   133   133   134   134   134   134   134   134   134   134   134   135   135   135   135   135   135   136   137   137   137   137   137   137   137   138   138   138   138   138   138   138   139   140   141   141   142   142   143   144<   |        |   |             |
| 22   3   122   123   123   124   124   124   124   124   125   125   125   126   126   127   126   127   126   126   127   127   127   128   128   128   128   128   128   128   129   129   129   129   129   130   130   130   130   130   131   130   130   131   131   131   131   131   131   132   132   133   133   133   133   133   133   133   133   133   133   133   133   133   133   133   133   133   133   134   134   134   134   134   134   134   134   134   134   134   135   135   136   136   136   137   136   137   137   137   138   138   139   139   139   139   139   139   139   139   139   140   141   141   141   142   143<   | 21     | 71  | 121         |
| 24     124     124     124     125     125     126     125     126     126     127     127     127     127     127     127     127     128     127     128     129     129     129     130     130     130     130     130     130     130     130     131     131     131     131     131     131     132     133     133     133     133     133     133     133     133     133     134     134     134     134     135     135     135     135     135     135     136     137     137     137     137     137     137     138     139     139     139     139     139     139     139     139     140     141     142     142     143     144     144     144     144     144     144     144     144     144     144     144     144     144     145     146     147     148     149     148  |        |   | 122         |
| 24     124     124     125     125     125     125     126     126     127     127     127     127     127     127     128     129     129     129     129     129     129     129     129     130     130     130     130     130     130     131     131     131     131     131     131     131     132     132     132     133     133     133     133     133     133     134     134     134     134     134     134     134     134     134     134     134     135     135     135     135     135     136     136     137     137     137     137     137     137     138     138     138     138     138     138     138     138     138     138     139     139     140     141     142     143     144     144     144     144     144     144     144     145     145     145     145  | 23     | 73  | 123         |
| 25     75     125     126     126     127     127     127     128     127     128     128     128     128     129     129     129     129     130     131     131     131     131     131     131     132     132     132     132     133     133     133     133     133     134     134     134     134     135     135     135     135     136     136     137     137     137     138     138     138     138     139     139     140     140     141     141     142     142     142     142     142     143     144     145     145     145     145     145     146     147     148     149   |        | 74  | 124         |
| 26   76   77   126   127     28   78   128   128   128     29   79   129   129   130   130   131   131   131   131   132   133   133   133   133   133   133   133   133   133   133   133   134   134   134   134   134   134   134   134   134   135   135   136   137   136   137   138   138   138   138   138   138   138   138   138   138   138   138   139   140   141   141   141   142   143   143   144   144   144   144   144   144   145   145   146   147   146   147   148   148   148   149  |        |   | 125         |
| 28   78   128     29   80   129     30   80   130     31   81   131     32   82   132     83   133   133     34   84   134     35   85   135     36   86   136     37   88   136     39   88   138     39   90   140     40   90   140     41   91   140     42   92   142     43   94   144     44   94   144     45   95   145     46   96   146     47   97   147     48   98   148     49   99   149  |        |   | 126         |
| 28   78   128     29   80   129     30   80   130     31   81   131     32   82   132     33   83   132     34   84   134     35   85   135     36   86   136     37   88   86     39   88   138     39   90   140     40   91   140     91   141   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     48   98   148     49   99   149   | 27     | 77  | 127         |
| 30   80   130   131     31   81   131   131     32   83   132   132     33   84   134   134     35   85   135   135     36   86   135   137     38   88   137   137     38   88   138   139     40   90   140   141     41   91   140   141     42   92   142   142     43   94   144   145     45   95   145   145     46   96   146   147     48   98   148   148     49   99   149   149   |        | 78  | 128         |
| 30   80   130     31   81   131     32   132   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   94   144     45   95   145     46   96   145     46   96   146     47   97   148     48   99   149  | 29     | 79  | 129         |
| 32   82   132   133     33   84   133   134     35   86   135   135     36   86   136   137     38   88   138   137     39   88   138   139     40   90   140   141     41   91   141   141     42   92   142   142     43   93   143   144     44   94   94   144     45   96   146   147     48   98   148   148     49   99   149   149  | 30     |   |             |
| 33   34   35   36   35   36   37   38   37   38   39   38   39 <td< td=""><td>31</td><td>81</td><td>131</td></td<>   | 31     | 81  | 131         |
| 34  | 32     | 82  |             |
| 35   36   37   38   37   38   39   38   39   38   39   38   39   39   38   39   38   39   39   38   39 <td< td=""><td>33</td><td></td><td>133</td></td<>   | 33     |   | 133         |
| 36   37   38   37   38   39   38   39   38   39   38   39   38   39   38   39   38   39   38   39   38   39   39   38   39 <td< td=""><td>34</td><td></td><td>134</td></td<>   | 34     |   | 134         |
| 37   88   137   138     38   90   138   138     40   90   140   140     41   91   141   141     42   92   142   142     43   93   143   144     93   143   144   144     95   145   145   145     46   96   145   146   147     98   98   148   149   149   | 35     |   | 135         |
| 38     68     138     139     139     140     140     140     140     141     141     141     141     141     142     143     143     143     143     144     144     144     145     145     145     145     146     147     148     149     1   | 36     |   | 136         |
| 38     88     138     139     139     140     140     140     140     141     141     141     141     142     142     143     143     143     144     144     144     145     145     145     146     147     148     149     1   | 37     |   | 137         |
| 40   90   140     41   91   141     42   91   141     92   142     93   143     143   143     94   144     95   144     144   144     95   145     146   146     97   147     98   148     149   149  |        |   | 138         |
| 41   91   141   142   142   142   143   143   144   143   144   144   144   144   144   144   144   145   145   145   146   146   147   147   147   148   148   149   |        | 89  | 139         |
| 42   92   142   143     43   93   143   143     44   94   144   144     95   145   145   145     96   146   147   147     98   148   148   149  | 40     | 90  |             |
| 42   92   142   143   143   143   143   143   144   144   144   144   144   144   144   144   145   145   145   145   146   146   147   147   147   148   148   149   | 41     |   |             |
| 44 94   45 95   46 96   47 97   48 98   49 99   |        |   |             |
| 45 95   46 145   47 96   97 146   147 147   98 148   148 149  | 43     | 93  |             |
| 46 96   47 146   97 147   48 98   49 99   | 44     | 94  |             |
| 46 96   47 97   48 98   49 99   | 45     |   | 145         |
| 47 97   48 147   98 148   148 149   |        |   |             |
| 48 98   49 148   149 149  |        |   | 147         |
| 49 99 1149 149  |        |   | 148         |
|   |        |   | 149         |
|   | 50     | 100   | 150         |